

PATENT  
Attorney Docket No. 24747-1104

**REMARKS/ARGUMENTS**

The present response is substantially the same response filed by Applicants on April 8, 2004, but further addresses the issues noted by the Examiner in the Office Communication dated June 28, 2004. In particular, the Examiner noted that:

1) "The amendment to at least claims 10 and 22 do not correspond to the versions of those claims filed 10/28/02." Amendments have been made to claims 10 and 22 consistent with the amendment filed on 10/28/02. In addition, for claim 10, the nucleotide sequence of 2411-9547 was added as it was inadvertently deleted from the amendment of 10/28/02. This amendment finds basis in claim 4 as originally filed.

2) "[c]laims 28 and 30 are drawn to proteins of SEQ ID NO:1; however, SEQ ID NO: 1 is a nucleotide sequence." Claims 28, 30 and 31 have been amended to refer to the polypeptide encoded by a nucleotide sequence of SEQ ID No: 1.

A number of inadvertent errors were introduced from the transcription of the original claim set and these errors have been corrected. Counsel for Applicants apologize for causing any undue burden on the Examiner, and counsel thank the Examiner for noting the errors.

The Examiner noted that there is no paper copy of the sequence listing. However, our file indicates that both a paper and a disk copy of the sequence listing was filed with the patent application on March 1, 2002 and a second paper copy of the sequence listing with a Verified Statement pursuant to 37 C.F.R. 1.821(f) was filed with a response on September 17, 2002. However, in the interest of expediting examination, another paper copy of the sequence listing with the Verified Statement pursuant to 37 C.F.R. 1.821(f), as filed on September 17, 2002, is provided herein.

In the specification the paragraphs on page 23, lines 5-17, and page 36, lines 10-24, have been amended to correct minor errors made during the transcription in the preliminary amendment.

Claims 1-48 are in this application. No claims having been canceled or withdrawn.

The Examiner noted that claims 22 and 23 are drawn to proteins sequence of SEQ ID NO:1 or portions of SEQ ID NO:1 but SEQ ID NO:1 is a nucleotide sequence. Claims 22 and 23 have

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been amended to recite the nucleotide sequence of SEQ ID NO:1. The Examiner is thanked for noting this inadvertent error.

Claims 2-16, 18, 22-35, and 42-44 are amended to correct for proper antecedent basis.

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**CONCLUSION**

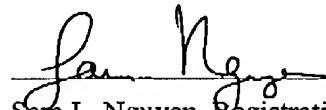
In view of the above amendments and remarks, allowance of the application is respectfully requested.

The Commissioner is authorized to charge any additional fees which may be required, including petition fees and extension of time fees, to Deposit Account No. 08-1641 (Docket No. 24747-1104).

Respectfully submitted,

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